

START

ENGINEERING CHANGE NOTICE

0014195

Page 1 of 3

1. ECN ~~142788~~

Proj. ECN B-714-88

2. ECN Category (mark one)

- Supplemental ☒
 Direct Revision ☐
 Change ECN ☐
 Temporary ☐
 Supersedure ☐
 Discovery ☐
 Cancel/Void ☐

3. Originator's Name, Organization, MSIN, and Telephone No.

M. A. McLean, KEH, E6-24, 6-4226

4. Date

04-03-91

5. Project Title/No./Work Order No.

See Block 12

6. Bldg./Sys./Fac. No.

218-E-16

7. Impact Level

3

8. Document Number Affected (include rev. and sheet no.)

See Block 12

9. Related ECN No(s).

B-714-81

10. Related PO No

N/A

11a. Modification Work

- ☐ Yes (fill out Blk. 11b)
☐ No (NA Blks. 11b, 11c, 11d)

UNKNOWN

11b. Work Package

Doc. No.

UNKNOWN

11c. Complete Installation Work

Cog. Engineer Signature & Date

11d. Complete Restoration (Temp. ECN only)

Cog. Engineer Signature & Date

12. Description of Change

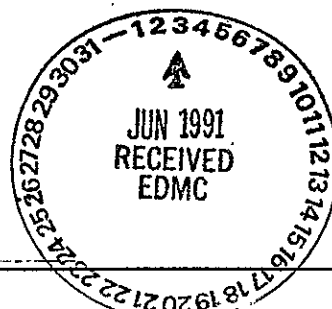
Block 5: B-714, Grout Vault Pair (218-E-16-102 & 103)(218-E-16-104 & 105)/ER8007

Block 8: Specification B-714-C2, Rev 1 (V-B714C2-003, Rev 1)

*** DESCRIPTION OF CHANGES ON PAGE 3 ***

Continued from Block 13b:

(FC): Substitution of COC for CMTR for welding filler E6010 is required. ASME Section II, Part C, does not have chemical analysis test requirements but does have physical property testing requirements for E6010. Use of E6010 & corresponding welding procedures are adequate for Safety Class 3. (Item 2 & 3)



13a. Justification (mark one)

- Criteria Change ☒
 Design Improvement ☐
 Environmental ☐
 As-Found ☐
 Facilitate Const. ☒
 Const. Error/Omission ☐
 Design Error/Omission ☒

13b. Justification Details

(CC): WHC ECN 112851 to the FDC, changed the air inleakage criteria to 600 CFM. (Item 4)

(DE): Para No. duplication between ECN B-714-81 & B-714-82. (Item 1)

Continued in Block 12 above

14. Distribution (include name, MSIN, and no. of copies)

KEH DISTRIBUTION

Const Doc Cntl E2-50
 Engrg Doc Cntl E6-52

WHC DISTRIBUTION

Project Files R1-28
 S. R. Briggs(PE) R3-27
 T. K. Cordray S1-54
 STATION 10 A3-87

J. K. Epperley
 O. A. Halverson
 J. S. Hill [2]
 K. S. McCullough
 D. B. Powell [4]
 J. E. Vanbeek
 WPA GARZA
 DOE
 A. G. Lassila

S0-05
 R3-09
 4-57
 N1-83
 R4-03
 R3-27
 A3-80
 A5-18

RELEASE STAMP

OFFICIAL RELEASE

BY WHC

DATE APR 08 1991

STATION 12

1. ECN (use no. from pg. 1) -
B-714-88

20. Approvals		Signature		Date	
<u>OPERATIONS AND ENGINEERING</u>				<u>ARCHITECT-ENGINEER</u>	
Cog./Project Engineer	<u>L.R. Bunge</u>	<u>4/8/91</u>	PE	<u>K.C. Burgard</u>	<u>4/5/91</u>
Cog./Project Engr. Mgr	<u>J.R. 1/1/91 W. Dal</u>	<u>4/3/91</u>	QA	<u>W. Damp</u>	<u>4/5/91</u>
QA	<u>J.K. Gaudin</u>	<u>4/8/91</u>	Safety	<u>J. Archibald</u>	<u>4-4-91</u>
Safety			Design PIPING:	<u>M.A. McLean</u>	<u>4-4-91</u>
Security			Other STRI:	<u>D. Keri</u>	<u>4/4/91</u>
Proj. Prog./Dept. Mgr.			SPECS:	<u>B.B. Hoffmann</u>	<u>4-5-91</u>
Def. React. Div.			ENVIR:	<u>R.Y. Hollenbeck</u>	<u>4-5-91</u>
Chem. Proc. Div.			<u>DEPARTMENT OF ENERGY</u>		
Def. Wst. Mgmt. Div.					
Adv. React. Dev. Div.					
Proj. Dept.			<u>ADDITIONAL</u>		
Environ. Div.					
IRM Dept.					
Facility Rep. (Ops)					
Other					

1) ECN B-714-81, Pg 4

A) Item 7A (Ref Sect 01300): Change para numbers to read 03301/1.2.21 & 03301/1.2.22 respectively.

B) Item 7B)3. (Ref Sect 03301):

- Change description to read ...1.2.21, 1.2.22, 2.1.5.3, ...
- Renumber para 1.2.20 & 1.2.21 to 1.2.21 & 1.2.22 respectively.

2) SECTION 01300, ARTICLE 1.3, SCHEDULE OF SUBMITTALS

Submittal Number Record 02752/1.2.2:

Change Submittal Title to read - Certified Material Test Reports (CMTR)
or Certificate of Conformance (COC)

3) SECTION 02752, PARA 1.2.2: Change to read as follows -

Certified Material Test Reports (CMTR) or Certificate of Conformance (COC):
Submit legible reports, certified by responsible manufacturer, showing chemical analysis and physical properties of each heat of steel plate, shapes, pipe, and fittings material. Submit separate certified reports for each lot of steel furnished by each supplier. For welding filler metal, submit CMTR giving results of tests in applicable material specifications in ASME Section II, Part C. If testing is not required by material specification, submit Certificate of Conformance (COC) to applicable material specification.

4) SECTION 03301

A) Para 1.1.1.2: Delete reference E 779-87 in its entirety.

B) Add para 1.1.1.7 as follows:

1.1.1.7 American Society of Mechanical Engineers (ASME)

ASME N 510-89 Testing of Nuclear Air-Treatment Systems

C) Para 1.2.18: Change as follows -
... as defined in ASME N 510 and proposed method.

D) Para 3.3.4.2a: Change as follows -
Perform leak rate test in accordance with ASME N 510, Paragraph 6.4.2 and 6.5.3 after...

E) Para 3.3.4.2.b: Delete "differences between 0.05 and"

F) Para 3.3.4.2.c: Change 3000 cfm to 600 cfm.

G) Para 3.3.4.2.e.1): Change to read as follows -

Vault number, date of test, instrument calibration data, leak rate in final test, number and disposition of leaks found, signatures of test personnel and test data.

H) Para 3.3.4.2.e.2): Delete.